

Abstract

The present invention is a heat sink with guiding fins comprising a base with a plate part, wherein each side of a pair of two opposite sides of the plate part comprises a declining part; and two groups of fins expanded upwardly from each said declining part, wherein a channel whose top width is wider than its bottom width is formed by the two groups of fins and the base and there is a gap properly set between each two fins. By doing so, the heat sink can guide the flow generated by a fan to form a streamline with pressure and so obtains smaller wind resistance and better heat dissipation for the heat sink.